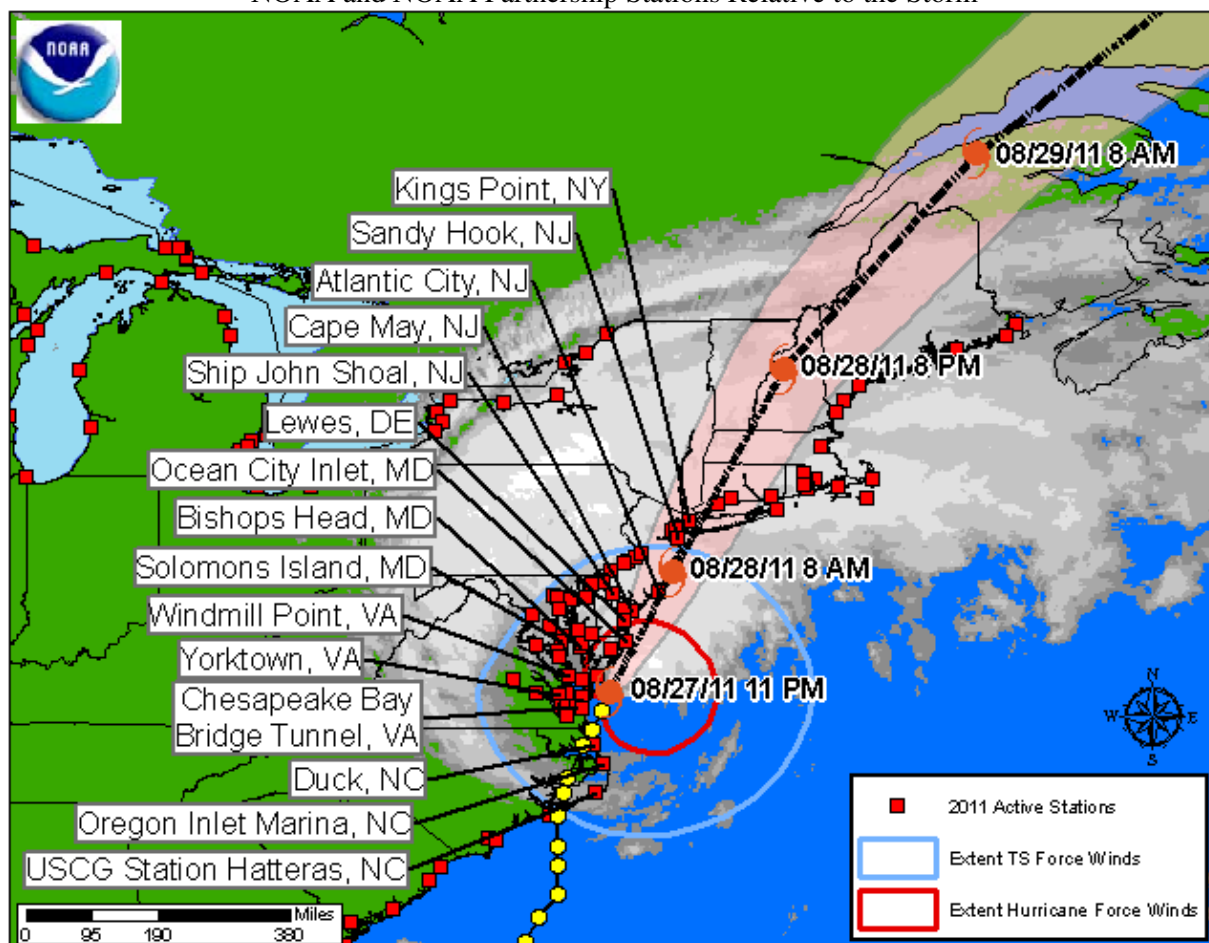




Hurricane IRENE QuickLook  
Posted: 00:00 EDT 08/28/2011

#### NOAA and NOAA Partnership Stations Relative to the Storm



#### Storm Analysis

As of 08/28/2011 00:00 EDT, water levels along the coast of northern North Carolina, Virginia, Maryland and Delaware, including up to mid-Chesapeake Bay, are being significantly affected by Hurricane Irene. Levels between USCG Station Hatteras, NC and Lewes, DE are elevated between 2.1 and 5.9 feet above predictions. Water levels in New Jersey and New York are rising and range between 1.7 to 3.1 feet above predictions. Water levels in Duck, NC and from Beaufort, NC to Florida are falling or have returned to near predicted values.

Winds continue to rise ahead of the storm and range between 20 and 45 kts with gusts. Winds are steady around 40 knots in northern North Carolina. Winds around the entrance to the Chesapeake Bay continue to rise and range between 40 and 50 kts with gusts up to 60 kts at Chesapeake Bay Bridge Tunnel, VA.

Barometric pressure continues to fall significantly from Solomons Island, MD northward. Barometric Pressure has bottomed out and is rising from Yorktown, VA southward.

## Hurricane IRENE QuickLook, POSTED 00:00 EDT 08/28/2011

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Chesapeake Bay Bridge Tunnel, VA: Next predicted high tides are 3.1 ft (0.94 m) at 08/28/2011 08:03 EDT and 3.3 ft (1.01 m) at 08/28/2011 20:25 EDT.

Yorktown USCG Training Center, VA: Next predicted high tides are 2.8 ft (0.84 m) at 08/28/2011 09:03 EDT and 3.0 ft (0.91 m) at 08/28/2011 21:23 EDT.

Windmill Point, VA: Next predicted high tides are 1.7 ft (0.51 m) at 08/28/2011 10:44 EDT and 1.8 ft (0.54 m) at 08/28/2011 23:08 EDT.

Solomons Island, MD: Next predicted high tides are 1.8 ft (0.54 m) at 08/28/2011 01:51 EDT and 1.7 ft (0.50 m) at 08/28/2011 14:04 EDT.

Bishops Head, MD: Next predicted high tides are 2.2 ft (0.66 m) at 08/28/2011 01:01 EDT and 2.0 ft (0.61 m) at 08/28/2011 19:58 EDT.

Ocean City Inlet, MD: Next predicted high tides are 2.4 ft (0.73 m) at 08/28/2011 07:42 EDT and 2.7 ft (0.83 m) at 08/28/2011 20:17 EDT.

Lewes, DE: Next predicted high tides are 4.5 ft (1.38 m) at 08/28/2011 08:29 EDT and 5.3 ft (1.63 m) at 08/28/2011 20:52 EDT.

Ship John Shoal, NJ: Next predicted high tides are 6.4 ft (1.95 m) at 08/28/2011 09:49 EDT and 7.1 ft (2.18 m) at 08/28/2011 22:08 EDT.

Cape May, NJ: Next predicted high tides are 5.4 ft (1.63 m) at 08/28/2011 08:22 EDT and 6.2 ft (1.90 m) at 08/28/2011 20:44 EDT.

Atlantic City, NJ: Next predicted high tides are 4.6 ft (1.39 m) at 08/28/2011 07:17 EDT and 5.4 ft (1.64 m) at 08/28/2011 19:34 EDT.

Sandy Hook, NJ: Next predicted high tides are 5.4 ft (1.66 m) at 08/28/2011 07:41 EDT and 6.1 ft (1.84 m) at 08/28/2011 19:55 EDT.

Kings Point, NY: Next predicted high tides are 8.4 ft (2.55 m) at 08/28/2011 11:03 EDT and 8.7 ft (2.65 m) at 08/28/2011 23:19 EDT.

Duck, NC: Next predicted high tides are 3.8 ft (1.17 m) at 08/28/2011 07:12 EDT and 4.3 ft (1.30 m) at 08/28/2011 19:32 EDT.

Oregon Inlet Marina, NC: Next predicted high tides are 1.3 ft (0.41 m) at 08/28/2011 07:41 EDT and 1.5 ft (0.45 m) at 08/28/2011 20:06 EDT.

USCG Station Hatteras, NC: Next predicted high tides are 0.7 ft (0.22 m) at 08/28/2011 08:34 EDT and 0.7 ft (0.22 m) at 08/28/2011 21:07 EDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For information on Highest Astronomical Tide (HAT), NAVD88 and other datums, please see [Tidal Datums](#). For more information or archived products and reports, please see the [Storm QuickLook](#) homepage.

Analyst:CMF

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SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

HURRICANE IRENE ADVISORY NUMBER 31  
1100 PM EDT SAT AUG 27 2011

...IRENE DRENCHING THE MID-ATLANTIC STATES WITH HEAVY RAINS AS IT SKIRTS THE  
DELMARVA PENINSULA...

WATCHES AND WARNINGS

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CHANGES IN WATCHES AND WARNINGS WITH THIS ADVISORY...

NONE.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A HURRICANE WARNING IS IN EFFECT FOR...

\* CAPE LOOKOUT NORTH CAROLINA NORTHWARD TO SAGAMORE BEACH  
MASSACHUSETTS...INCLUDING THE PAMLICO...ALBEMARLE...AND CURRITUCK  
SOUNDS...DELAWARE BAY...CHESAPEAKE BAY SOUTH OF DRUM POINT...NEW YORK  
CITY...LONG ISLAND...LONG ISLAND SOUND...COASTAL CONNECTICUT AND RHODE  
ISLAND...BLOCK ISLAND...MARTHAS VINEYARD AND NANTUCKET

A TROPICAL STORM WARNING IS IN EFFECT FOR...

\* CHESAPEAKE BAY FROM DRUM POINT NORTHWARD AND THE TIDAL POTOMAC  
\* NORTH OF SAGAMORE BEACH TO EASTPORT MAINE  
\* UNITED STATES/CANADA BORDER NORTHEASTWARD TO FORT LAWRENCE INCLUDING  
GRAND MANAN

FOR STORM INFORMATION SPECIFIC TO YOUR AREA IN THE UNITED STATES...INCLUDING  
POSSIBLE INLAND WATCHES AND WARNINGS...PLEASE MONITOR PRODUCTS ISSUED BY  
YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE.

DISCUSSION AND 48-HOUR OUTLOOK

-----  
AT 1100 PM EDT THE CENTER OF HURRICANE IRENE WAS LOCATED ABOUT 70 MI SSW OF  
OCEAN CITY MARYLAND OR ABOUT 255 MIM SSW OF NEW YORK CITY. IRENE IS MOVING  
TOWARD THE NORTH-NORTHEAST NEAR 16 MPH...26 KM/H...AND THIS MOTION  
ACCOMPANIED BY A GRADUAL INCREASE IN FORWARD SPEED IS EXPECTED DURING THE  
NEXT DAY OR SO. ON THE FORECAST TRACK...THE CENTER OF IRENE WILL MOVE NEAR OR  
OVER THE MID-ATLANTIC COAST TONIGHT AND SUNDAY MORNING...AND MOVE OVER  
SOUTHERN NEW ENGLAND BY SUNDAY AFTERNOON. IRENE IS FORECAST TO MOVE INTO  
EASTERN CANADA SUNDAY NIGHT.

REPORTS FROM AN AIR FORCE RESERVE UNIT HURRICANE HUNTER AIRCRAFT INDICATE  
MAXIMUM SUSTAINED WINDS REMAIN NEAR 80 MPH WITH HIGHER GUSTS. IRENE IS A

CATEGORY ONE HURRICANE ON THE SAFFIR-SIMPSON HURRICANE WIND SCALE. IRENE IS FORECAST TO REMAIN A HURRICANE AS IT MOVES NEAR OR OVER THE MID-ATLANTIC COAST AND APPROACHES NEW ENGLAND ON SUNDAY. THE HURRICANE IS FORECAST TO WEAKEN AFTER LANDFALL IN NEW ENGLAND AND BECOME A POST-TROPICAL CYCLONE SUNDAY NIGHT OR EARLY MONDAY.

IRENE IS A LARGE TROPICAL CYCLONE. HURRICANE-FORCE WINDS ARE LOCATED OVER A RELATIVELY SMALL AREA ROUGHLY 125 MILES TO THE EAST OF THE CENTER. TROPICAL-STORM-FORCE WINDS EXTEND OUTWARD UP TO 240 MILES FROM THE CENTER. TROPICAL STORM CONDITIONS WILL SPREAD NORTHWARD INTO SOUTHERN NEW JERSEY AND LONG ISLAND OVERNIGHT INTO SUNDAY MORNING.

A WIND GUST TO 67 MPH WAS RECENTLY REPORTED AS FAR SOUTH AS CAPE HATTERAS NORTH CAROLINA...AND A WIND GUST TO 52 MPH WAS REPORTED AS FAR NORTH AS THE PHILADELPHIA INTERNATIONAL AIRPORT.

A STORM SURGE HEIGHT OF ABOUT 5 FEET HAS BEEN OBSERVED AT OREGON INLET NORTH CAROLINA...AND A STORM SURGE HEIGHT OF ABOUT 4 FEET HAS OCCURRED THUS FAR AT THE MOUTH OF THE CHESAPEAKE BAY. THE PRELIMINARY WATER LEVEL AT THE CHESAPEAKE BAY BRIDGE TUNNEL HAS RECENTLY PEAKED NEAR THE RECORD LEVEL THAT WAS ESTABLISHED DURING HURRICANE ISABEL IN 2003.

RAINFALL AMOUNTS OF 10 TO 14 INCHES HAVE ALREADY OCCURRED OVER A LARGE PORTION OF EASTERN NORTH CAROLINA AND EXTREME SOUTHEASTERN VIRGINIA...WITH THE HIGHEST AMOUNT THUS FAR OF 14.00 INCHES REPORTED AT BUNYAN NORTH CAROLINA.

THE LATEST MINIMUM CENTRAL PRESSURE REPORTED BY RECONNAISSANCE AIRCRAFT WAS 954 MB.

#### HAZARDS AFFECTING LAND

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WIND...TROPICAL-STORM-FORCE WINDS WILL CONTINUE TO SPREAD NORTHWARD ALONG THE MID-ATLANTIC COAST TONIGHT AND EARLY SUNDAY MORNING... WITH GUSTS TO HURRICANE FORCE POSSIBLE BY SUNRISE SUNDAY MORNING. TROPICAL STORM CONDITIONS ARE EXPECTED TO REACH LONG ISLAND AND SOUTHERN NEW ENGLAND EARLY SUNDAY MORNING...WITH HURRICANE-FORCE WINDS...ESPECIALLY IN GUSTS...EXPECTED BY NOON SUNDAY. WINDS AFFECTING THE UPPER FLOORS OF HIGH-RISE BUILDINGS WILL BE SIGNIFICANTLY STRONGER THAN THOSE NEAR GROUND-LEVEL.

STORM SURGE...AN EXTREMELY DANGEROUS STORM SURGE WILL RAISE WATER LEVELS BY AS MUCH AS 4 TO 8 FEET ABOVE GROUND LEVEL WITHIN THE HURRICANE WARNING AREA FROM THE NORTH CAROLINA/VIRGINIA BORDER NORTHWARD TO CAPE COD...INCLUDING SOUTHERN PORTIONS OF THE CHESAPEAKE BAY AND ITS TRIBUTARIES. NEAR THE COAST...THE SURGE WILL BE ACCOMPANIED BY LARGE...DESTRUCTIVE...AND LIFE-THREATENING WAVES. HIGHER THAN NORMAL ASTRONOMICAL TIDES ARE OCCURRING THIS WEEKEND. COASTAL AND RIVER FLOODING WILL BE HIGHEST IN AREAS WHERE THE PEAK SURGE OCCURS AROUND THE TIME OF HIGH TIDE. STORM TIDE AND SURGE VALUES ARE VERY LOCATION-SPECIFIC...AND USERS ARE URGED TO CONSULT PRODUCTS ISSUED BY THEIR LOCAL NATIONAL WEATHER SERVICE OFFICES. ALONG THE NORTH CAROLINA COAST...INCLUDING THE ALBEMARLE AND PAMLICO SOUNDS...WATER

LEVEL VALUES WILL GRADUALLY SUBSIDE OVERNIGHT.

RAINFALL...IRENE IS EXPECTED TO PRODUCE RAINFALL ACCUMULATIONS OF 6 TO 12 INCHES...WITH ISOLATED MAXIMUM AMOUNTS OF 20 INCHES...FROM EASTERN NORTH CAROLINA NORTHWARD THROUGH THE MID-ATLANTIC STATES INTO EASTERN NEW YORK AND INTERIOR NEW ENGLAND. THESE RAINS... COMBINED WITH HEAVY RAINS OVER THE PAST FEW WEEKS...COULD CAUSE WIDESPREAD FLOODING...LIFE-THREATENING FLASH FLOODS...AND SIGNIFICANT UPROOTING OF TREES DUE TO RAIN-SOFTENED GROUNDS.

SURF...LARGE SWELLS GENERATED BY IRENE ARE AFFECTING MUCH OF THE EAST COAST OF THE UNITED STATES. THESE SWELLS WILL CAUSE LIFE-THREATENING SURF AND RIP CURRENT CONDITIONS.

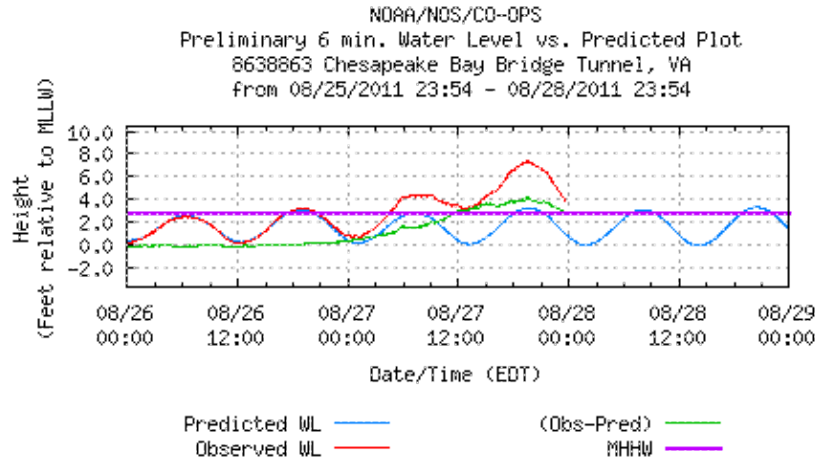
TORNADOES...ISOLATED TORNADOES ARE POSSIBLE OVER SOUTHERN DELAWARE...EASTERN NEW JERSEY...SOUTHEASTERN NEW YORK...AND EXTREME SOUTHERN NEW ENGLAND TONIGHT THROUGH SUNDAY MORNING.

FORECASTER STEWART

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Chesapeake Bay Bridge Tunnel - Water Level](#), [Chesapeake Bay Bridge Tunnel - Winds](#), [Chesapeake Bay Bridge Tunnel - Barometric](#), [Yorktown USCG Training Center - Water Level](#), [Yorktown USCG Training Center - Winds](#), [Yorktown USCG Training Center - Barometric](#), [Windmill Point - Water Level](#), [Solomons Island - Water Level](#), [Solomons Island - Winds](#), [Solomons Island - Barometric](#), [Bishops Head - Water Level](#), [Bishops Head - Winds](#), [Bishops Head - Barometric](#), [Ocean City Inlet - Water Level](#), [Ocean City Inlet - Winds](#), [Ocean City Inlet - Barometric](#), [Lewes - Water Level](#), [Lewes - Winds](#), [Lewes - Barometric](#), [Ship John Shoal - Water Level](#), [Ship John Shoal - Winds](#), [Ship John Shoal - Barometric](#), [Cape May - Water Level](#), [Cape May - Winds](#), [Cape May - Barometric](#), [Atlantic City - Water Level](#), [Atlantic City - Barometric](#), [Sandy Hook - Water Level](#), [Sandy Hook - Winds](#), [Sandy Hook - Barometric](#), [Kings Point - Water Level](#), [Kings Point - Winds](#), [Kings Point - Barometric](#), [Duck - Water Level](#), [Duck - Winds](#), [Duck - Barometric](#), [Oregon Inlet Marina - Water Level](#), [Oregon Inlet Marina - Winds](#), [Oregon Inlet Marina - Barometric](#), [USCG Station Hatteras - Water Level](#), [USCG Station Hatteras - Winds](#), [USCG Station Hatteras - Barometric](#),

Chesapeake Bay Bridge Tunnel, VA - Return to List

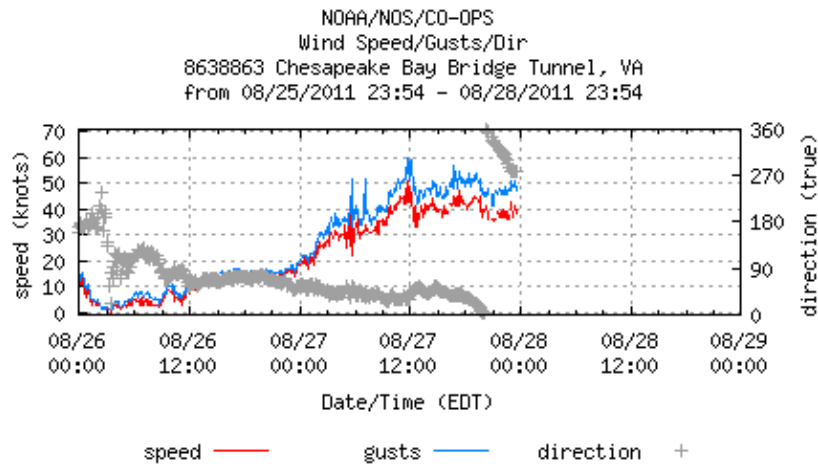


Last Observed Sample: 08/27/2011 23:48 (EDT)

Relative to MLLW: **Observed: 3.65 ft.** **Predicted: 0.86 ft.** **Residual: 2.79 ft.**

Historical Maximum Water Level: Feb 5 1998, 3.68 ft. above MHHW

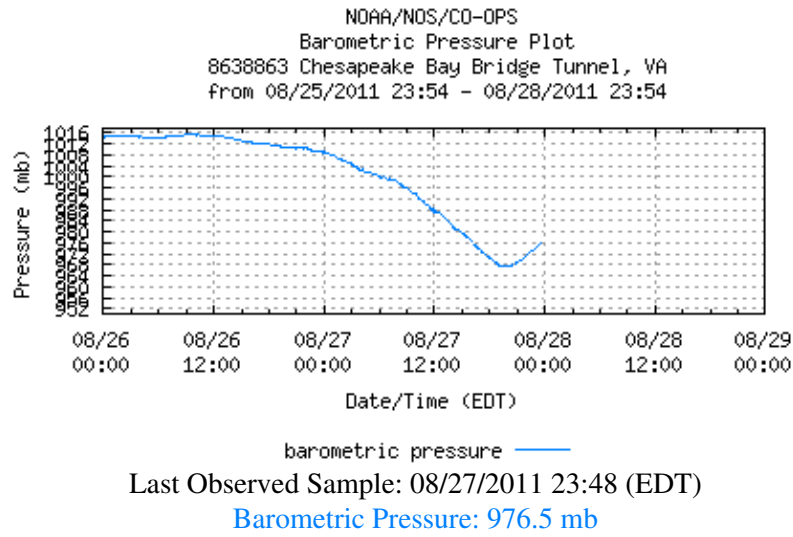
Chesapeake Bay Bridge Tunnel, VA - Return to List



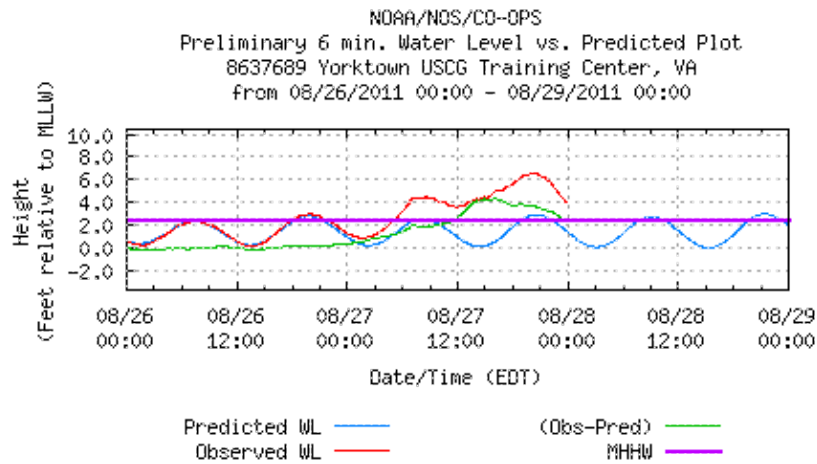
Last Observed Sample: 08/27/2011 23:48 (EDT)

**Wind Speed: 40 knots** **Gusts: 46 knots** **Direction: 278° T**

Chesapeake Bay Bridge Tunnel, VA - Return to List

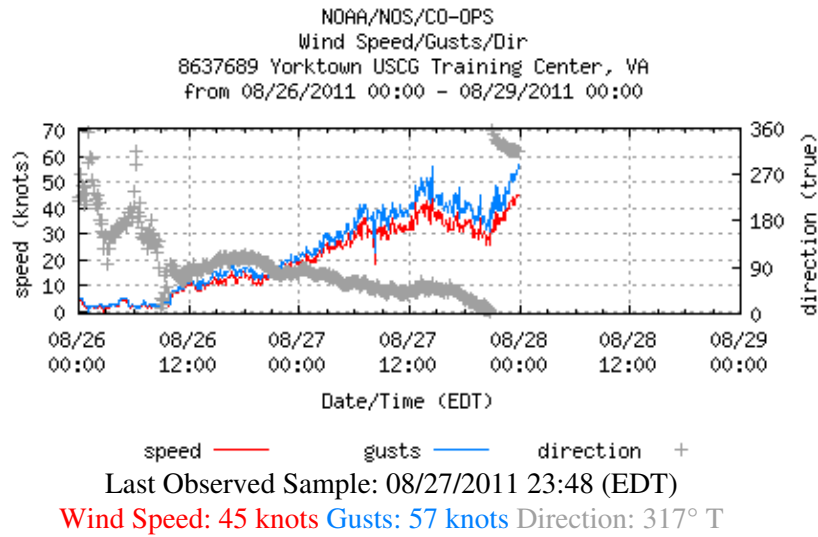


Yorktown USCG Training Center, VA - Return to List

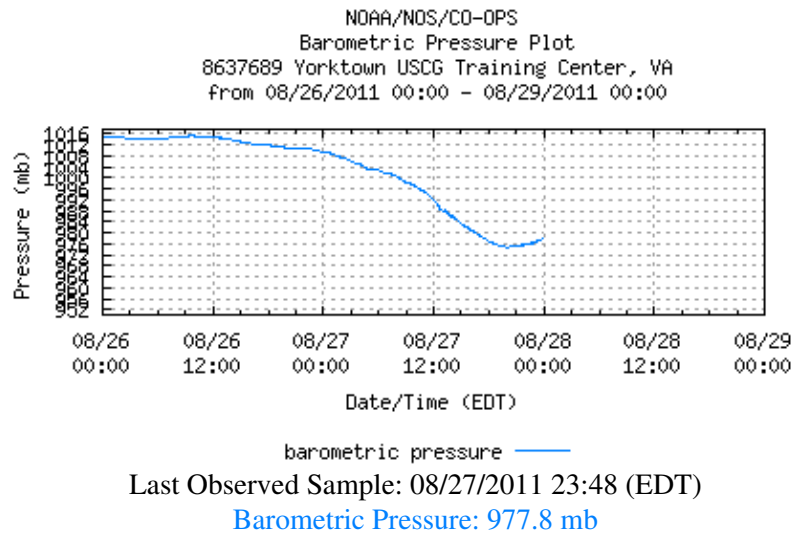


Last Observed Sample: 08/27/2011 23:48 (EDT)  
Relative to MLLW: **Observed: 4.02 ft. Predicted: 1.53 ft. Residual: 2.49 ft.**  
Historical Maximum Water Level: Nov 12 2009, 4.27 ft. above MHHW

Yorktown USCG Training Center, VA - Return to List

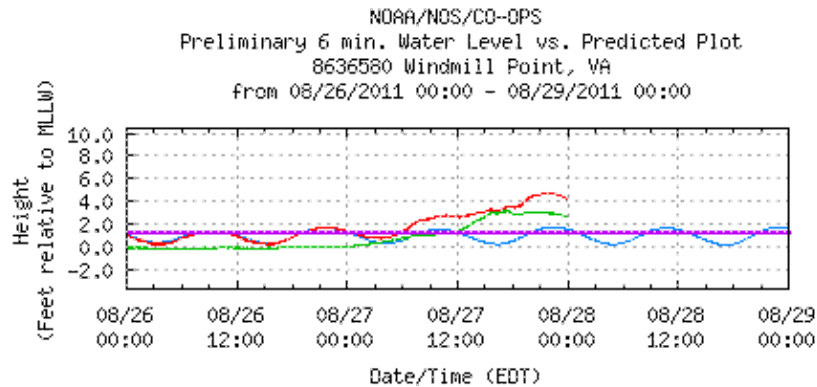


Yorktown USCG Training Center, VA - Return to List





Windmill Point, VA - Return to List

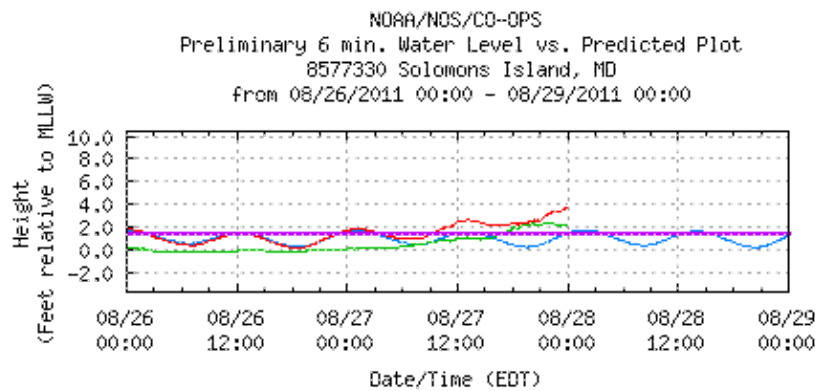


Last Observed Sample: 08/27/2011 23:54 (EDT)

Relative to MLLW: **Observed: 4.22 ft.** **Predicted: 1.57 ft.** **Residual: 2.65 ft.**

Historical Maximum Water Level: Sep 1 2006, 3.74 ft. above MHHW

Solomons Island, MD - Return to List

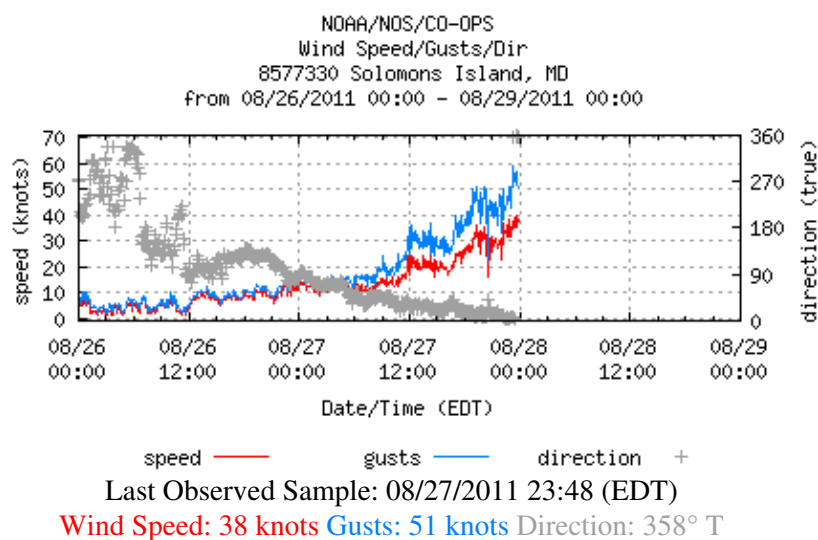


Last Observed Sample: 08/27/2011 23:48 (EDT)

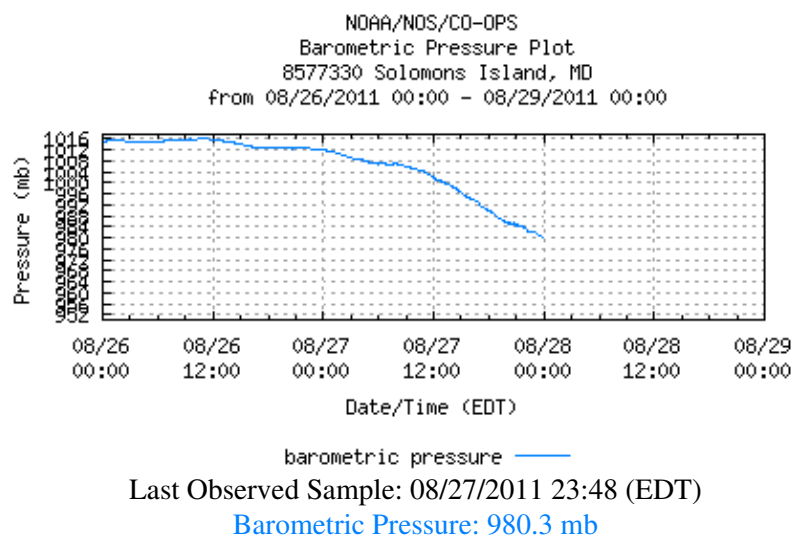
Relative to MLLW: **Observed: 3.69 ft.** **Predicted: 1.45 ft.** **Residual: 2.24 ft.**

Historical Maximum Water Level: Aug 13 1955, 2.8 ft. above MHHW

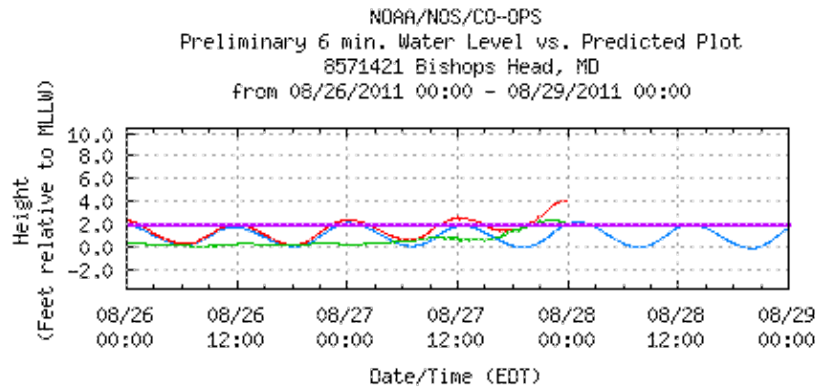
Solomons Island, MD - Return to List



Solomons Island, MD - Return to List



[Bishops Head, MD - Return to List](#)



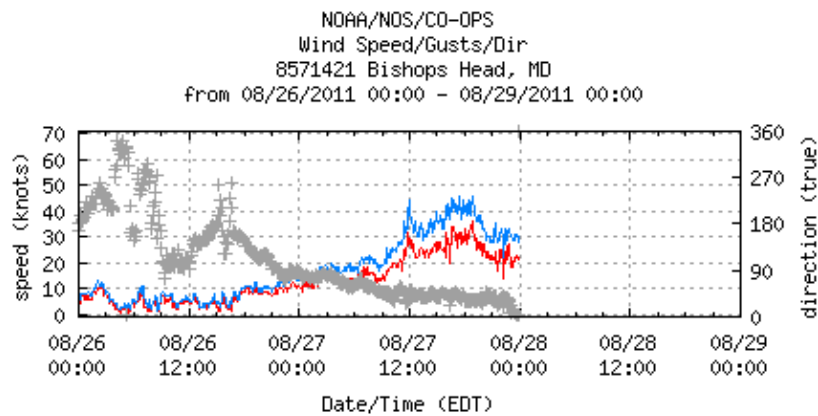
Predicted WL — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 08/27/2011 23:54 (EDT)

Relative to MLLW: **Observed: 4.07 ft.** **Predicted: 2.00 ft.** **Residual: 2.07 ft.**

Historical Maximum Water Level: Apr 17 2011, 2.28 ft. above MHHW

[Bishops Head, MD - Return to List](#)

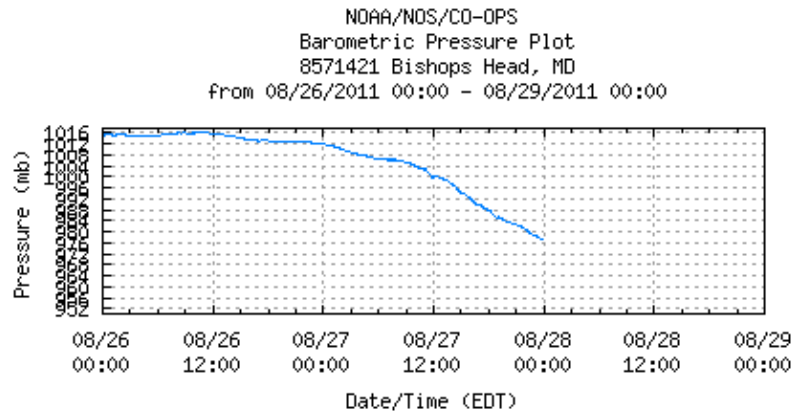


speed — gusts — direction +

Last Observed Sample: 08/27/2011 23:54 (EDT)

**Wind Speed: 21 knots** **Gusts: 28 knots** **Direction: 360° T**

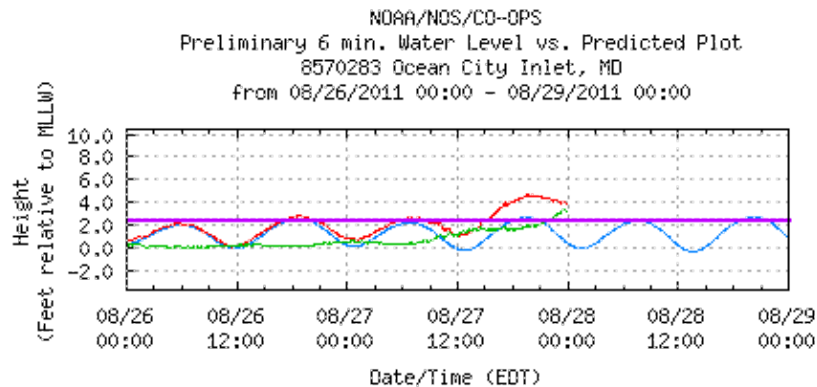
Bishops Head, MD - Return to List



Last Observed Sample: 08/27/2011 23:54 (EDT)

Barometric Pressure: 977.0 mb

Ocean City Inlet, MD - Return to List

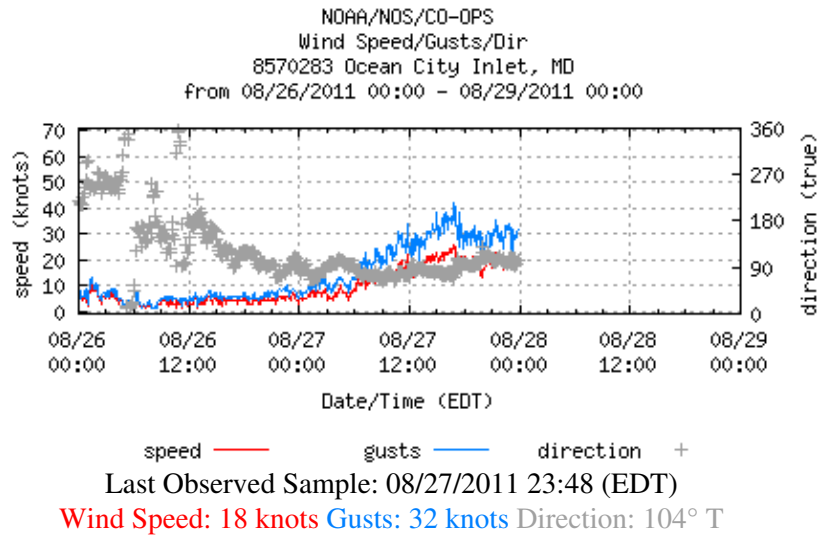


Last Observed Sample: 08/27/2011 23:48 (EDT)

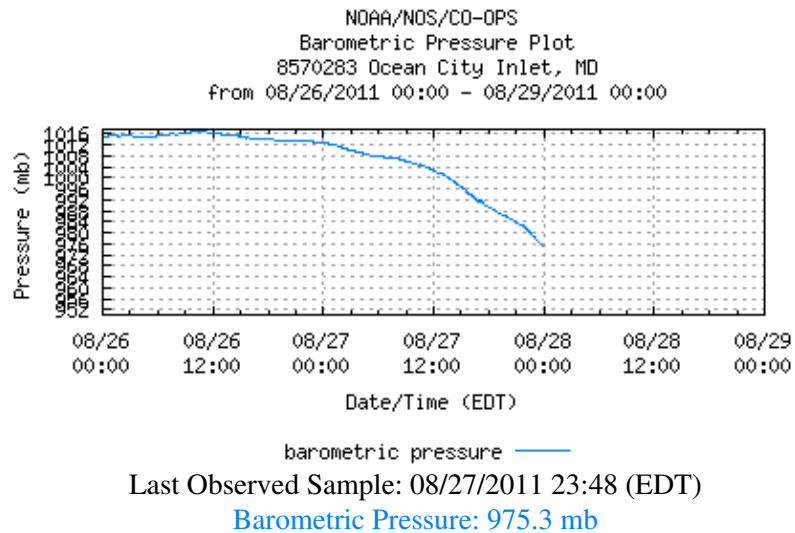
Relative to MLLW: Observed: 3.83 ft. Predicted: 0.54 ft. Residual: 3.29 ft.

Historical Maximum Water Level: Feb 5 1998, 3.61 ft. above MHHW

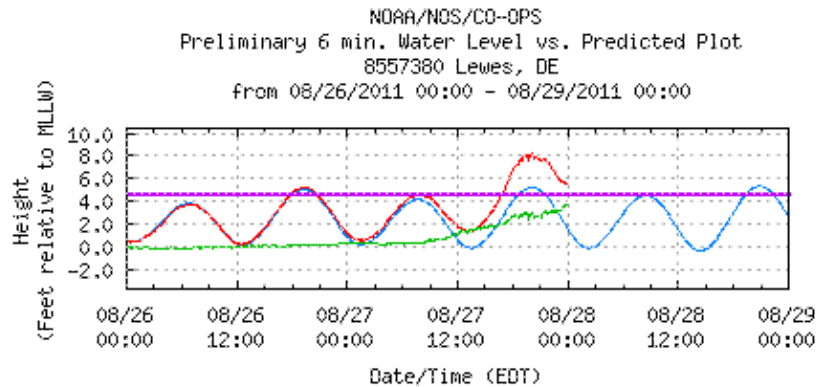
[Ocean City Inlet, MD - Return to List](#)



[Ocean City Inlet, MD - Return to List](#)



[Lewes, DE - Return to List](#)



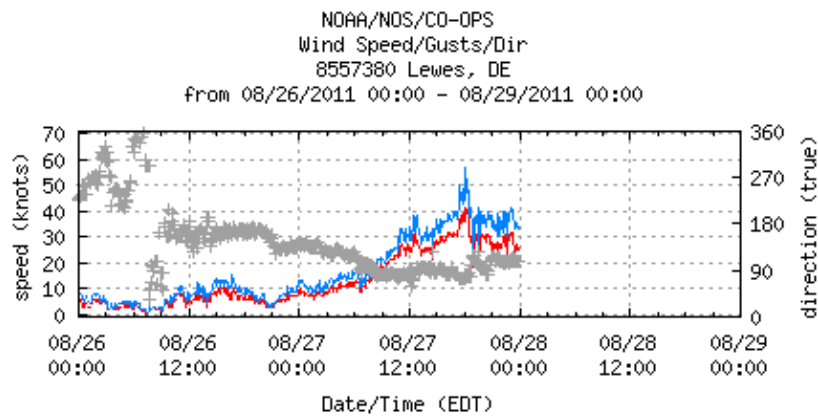
Predicted WL — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 08/27/2011 23:48 (EDT)

Relative to MLLW: **Observed: 5.52 ft.** **Predicted: 1.83 ft.** **Residual: 3.69 ft.**

Historical Maximum Water Level: Mar 6 1962, 4.57 ft. above MHHW

[Lewes, DE - Return to List](#)

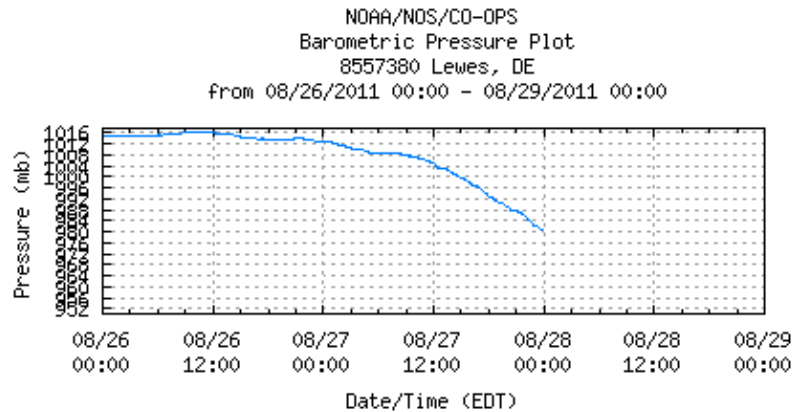


speed — gusts — direction +

Last Observed Sample: 08/27/2011 23:48 (EDT)

**Wind Speed: 25 knots** **Gusts: 33 knots** **Direction: 106° T**

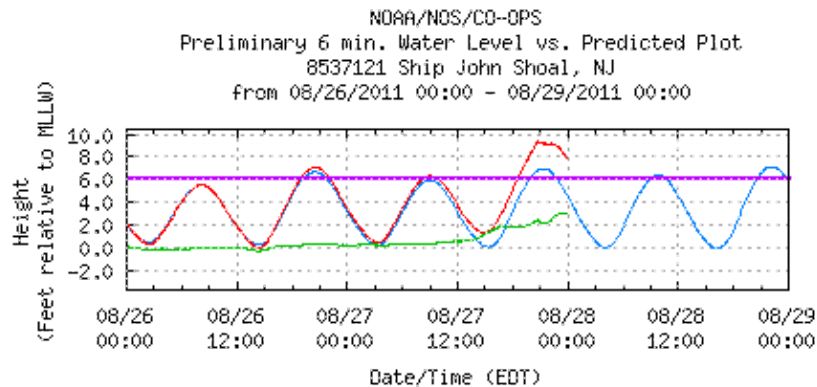
Lewes, DE - Return to List



Last Observed Sample: 08/27/2011 23:48 (EDT)

Barometric Pressure: 980.4 mb

Ship John Shoal, NJ - Return to List

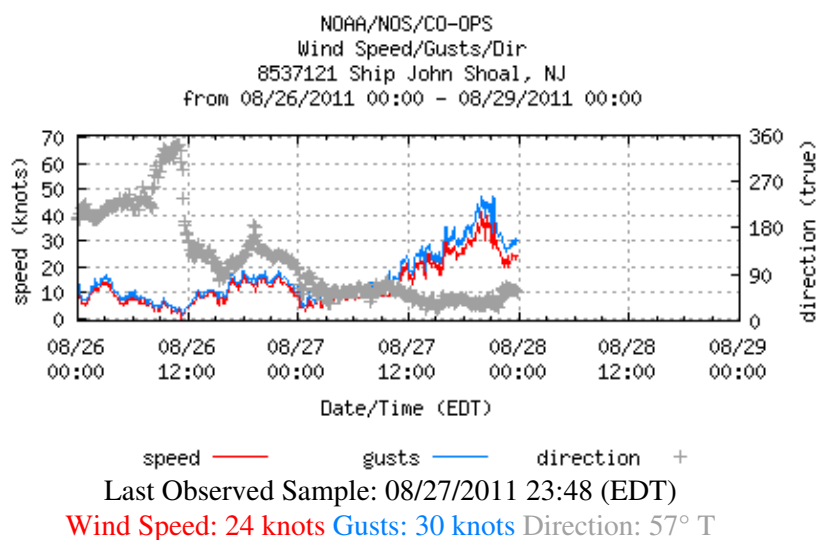


Last Observed Sample: 08/27/2011 23:48 (EDT)

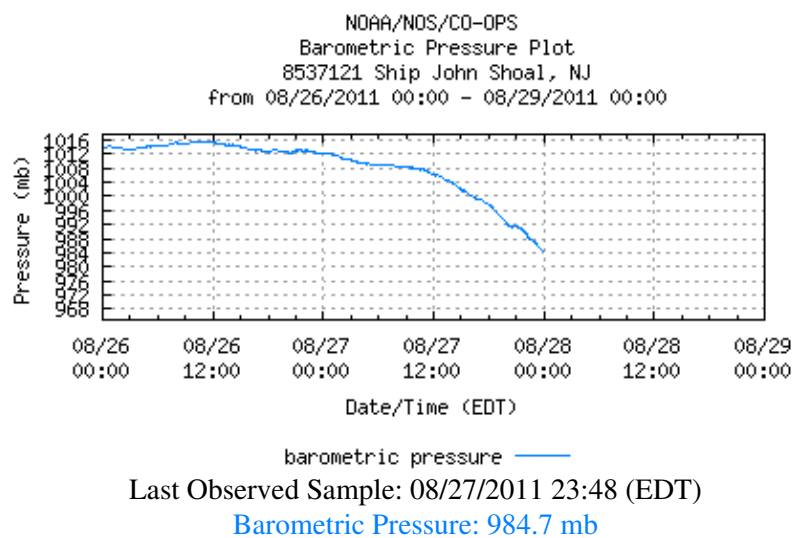
Relative to MLLW: **Observed: 7.88 ft. Predicted: 4.79 ft. Residual: 3.09 ft.**

Historical Maximum Water Level: Apr 17 2011, 3.08 ft. above MHHW

Ship John Shoal, NJ - Return to List

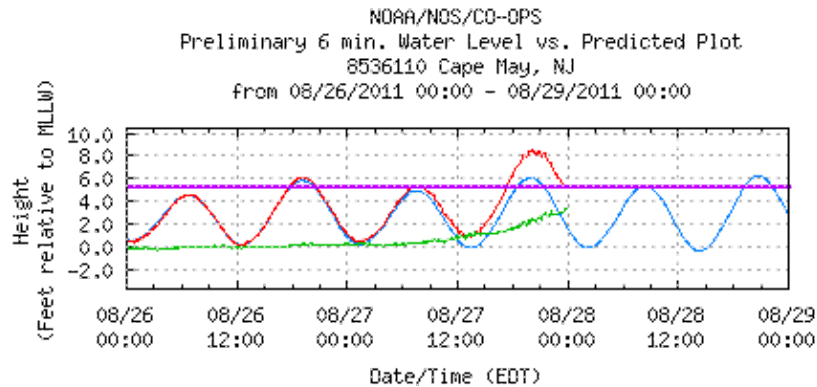


Ship John Shoal, NJ - Return to List





Cape May, NJ - Return to List



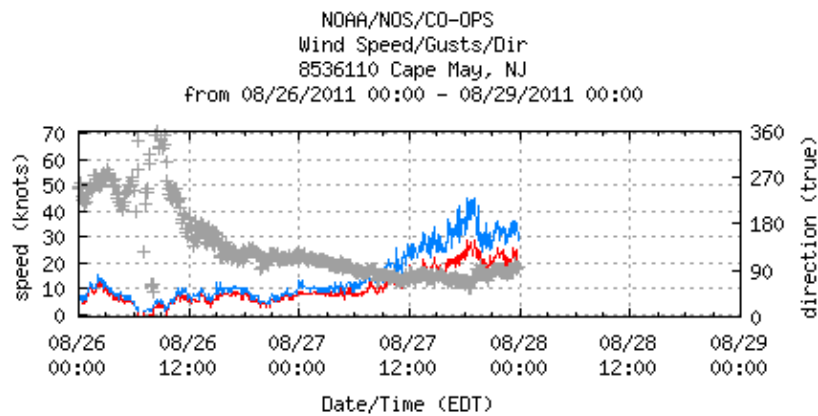
Predicted WL — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 08/27/2011 23:48 (EDT)

Relative to MLLW: **Observed: 5.29 ft.** **Predicted: 1.89 ft.** **Residual: 3.40 ft.**

Historical Maximum Water Level: Sep 27 1985, 3.36 ft. above MHHW

Cape May, NJ - Return to List

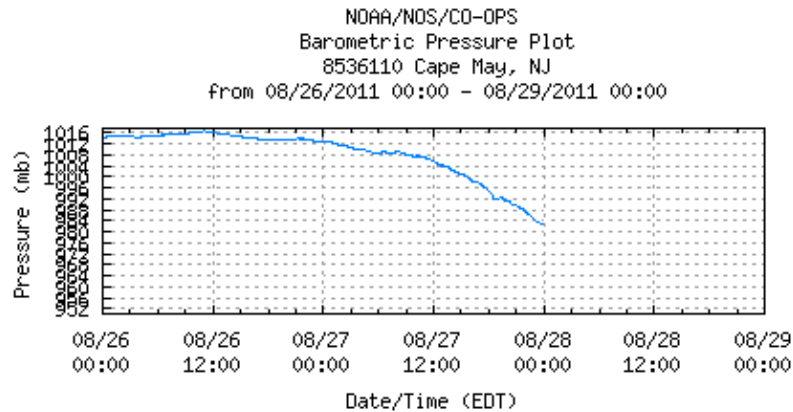


speed — gusts — direction +

Last Observed Sample: 08/27/2011 23:48 (EDT)

**Wind Speed: 17 knots** **Gusts: 29 knots** **Direction: 96° T**

Cape May, NJ - Return to List

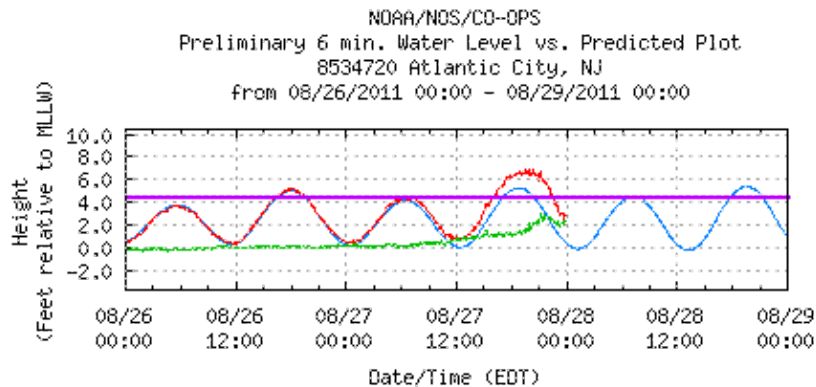


barometric pressure —

Last Observed Sample: 08/27/2011 23:48 (EDT)

Barometric Pressure: 982.5 mb

Atlantic City, NJ - Return to List



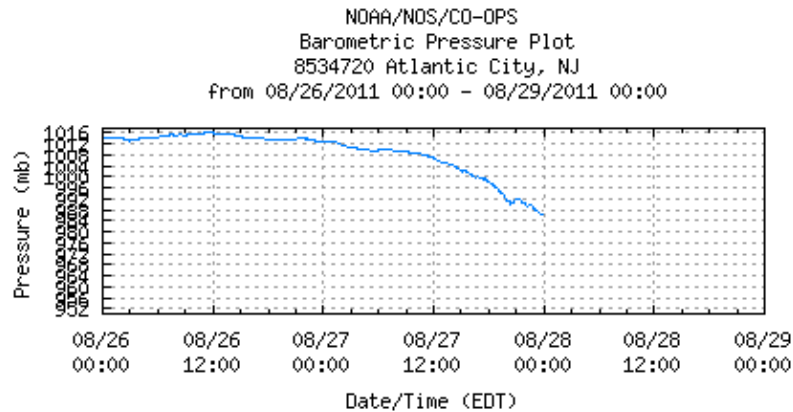
Predicted WL — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 08/27/2011 23:48 (EDT)

Relative to MLLW: **Observed: 2.83 ft.** **Predicted: 0.53 ft.** **Residual: 2.30 ft.**

Historical Maximum Water Level: Dec 11 1992, 4.38 ft. above MHHW

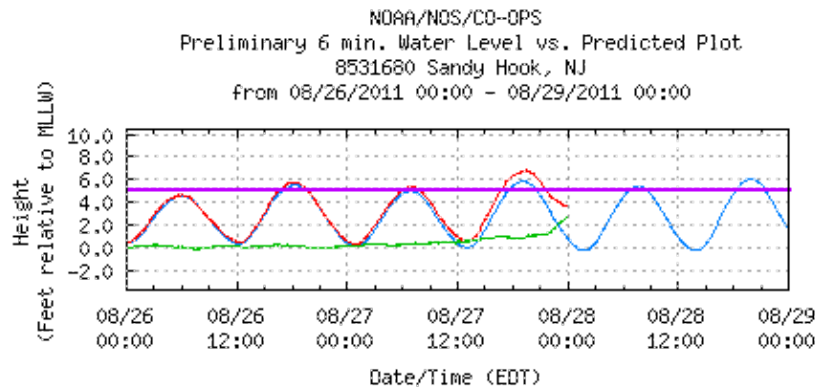
[Atlantic City, NJ - Return to List](#)



Last Observed Sample: 08/27/2011 23:48 (EDT)

Barometric Pressure: 986.1 mb

[Sandy Hook, NJ - Return to List](#)

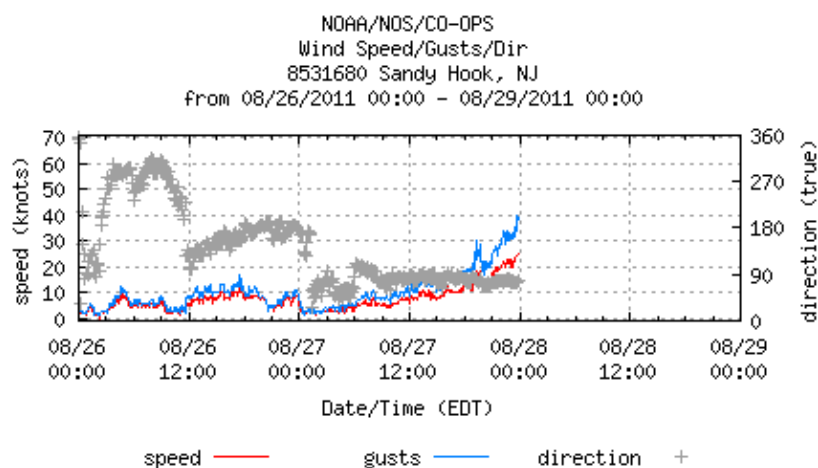


Last Observed Sample: 08/27/2011 23:48 (EDT)

Relative to MLLW: **Observed: 3.71 ft.** **Predicted: 1.02 ft.** **Residual: 2.69 ft.**

Historical Maximum Water Level: Sep 12 1960, 4.86 ft. above MHHW

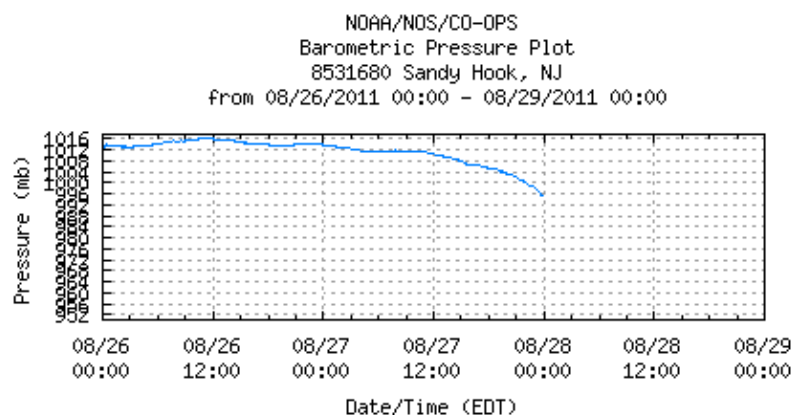
Sandy Hook, NJ - Return to List



Last Observed Sample: 08/27/2011 23:48 (EDT)

Wind Speed: 25 knots Gusts: 38 knots Direction: 79° T

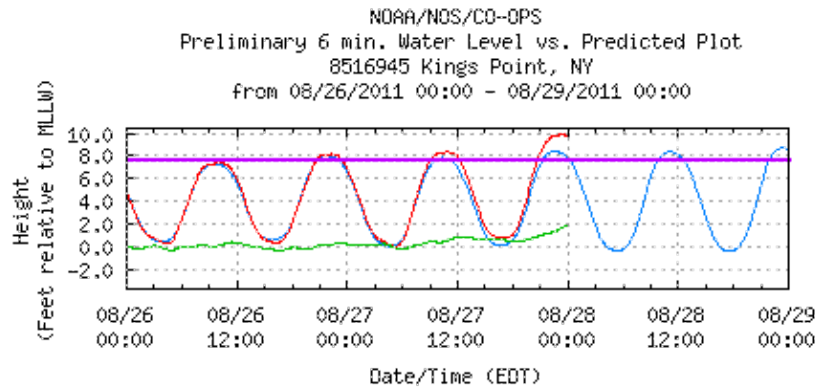
Sandy Hook, NJ - Return to List



Last Observed Sample: 08/27/2011 23:48 (EDT)

Barometric Pressure: 995.5 mb

Kings Point, NY - Return to List

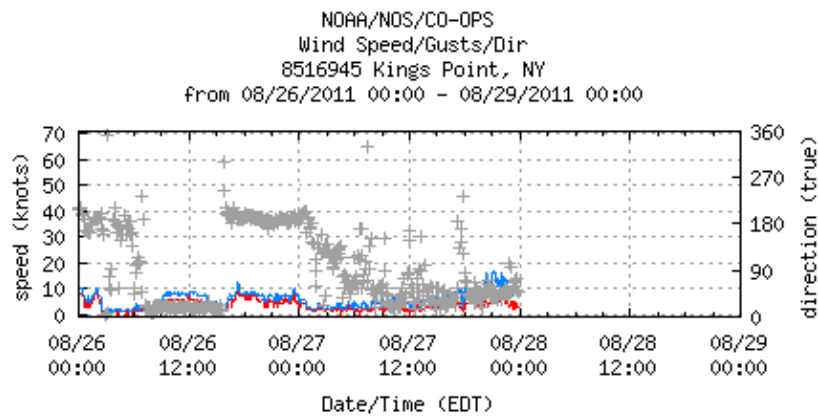


Predicted WL — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 08/27/2011 23:48 (EDT)

Relative to MLLW: **Observed: 9.74 ft.** **Predicted: 7.94 ft.** **Residual: 1.80 ft.**  
Historical Maximum Water Level: Mar 14 2010, 4.49 ft. above MHHW

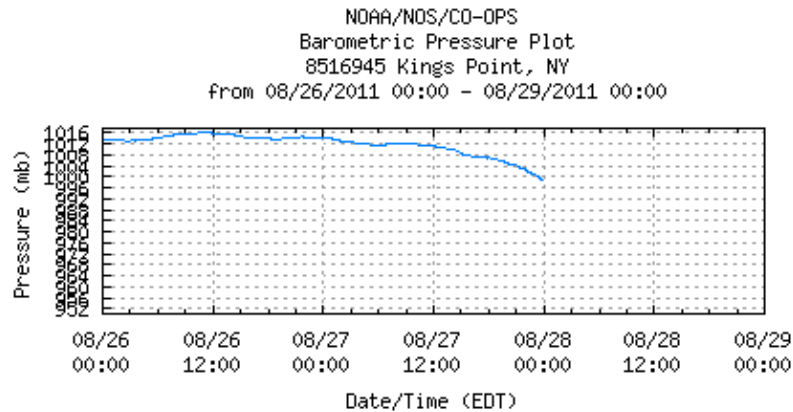
Kings Point, NY - Return to List



speed — gusts — direction +

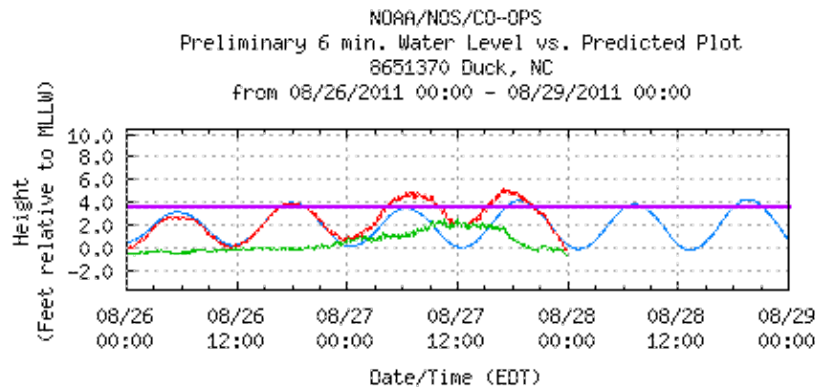
Last Observed Sample: 08/27/2011 23:48 (EDT)  
**Wind Speed: 3 knots** **Gusts: 10 knots** **Direction: 50° T**

Kings Point, NY - Return to List



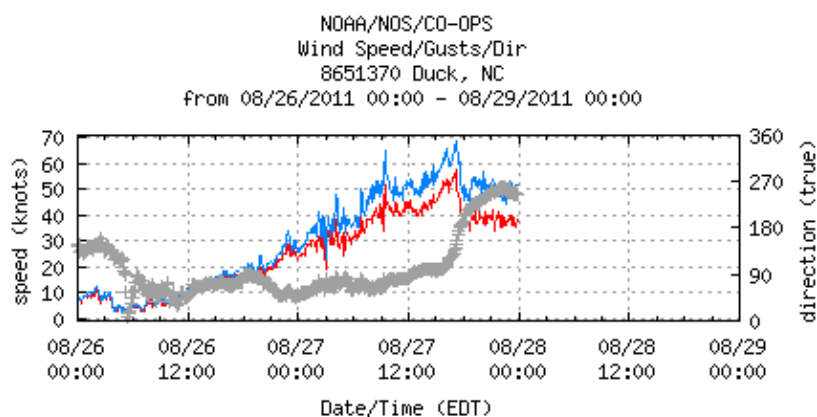
barometric pressure —  
Last Observed Sample: 08/27/2011 23:48 (EDT)  
Barometric Pressure: 999.0 mb

Duck, NC - Return to List



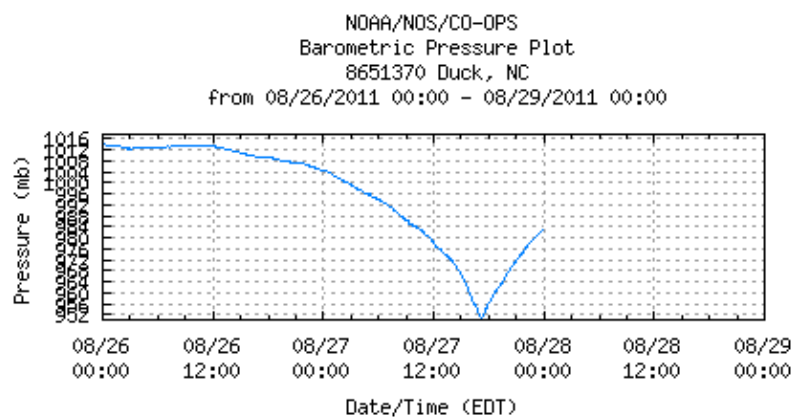
Predicted WL — (Obs-Pred) —  
Observed WL — MHHW —  
Last Observed Sample: 08/27/2011 23:48 (EDT)  
Relative to MLLW: Observed: -0.22 ft. Predicted: 0.37 ft. Residual: -0.59 ft.  
Historical Maximum Water Level: Aug 30 1999, 3.23 ft. above MHHW

Duck, NC - Return to List



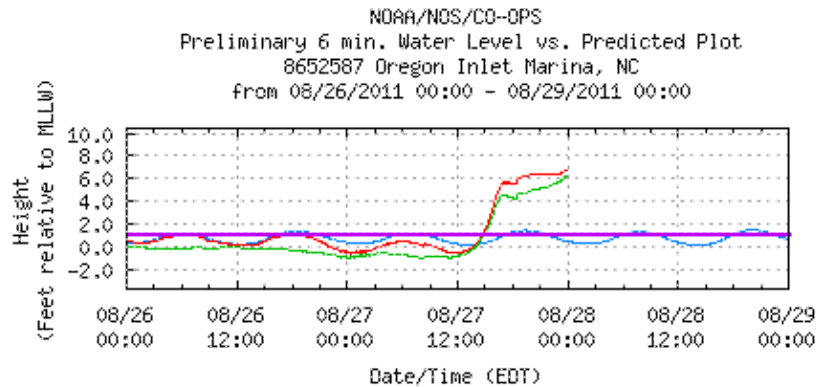
speed — gusts — direction +  
Last Observed Sample: 08/27/2011 23:48 (EDT)  
Wind Speed: 38 knots Gusts: 52 knots Direction: 245° T

Duck, NC - Return to List



barometric pressure —  
Last Observed Sample: 08/27/2011 23:48 (EDT)  
Barometric Pressure: 982.7 mb

[Oregon Inlet Marina, NC - Return to List](#)



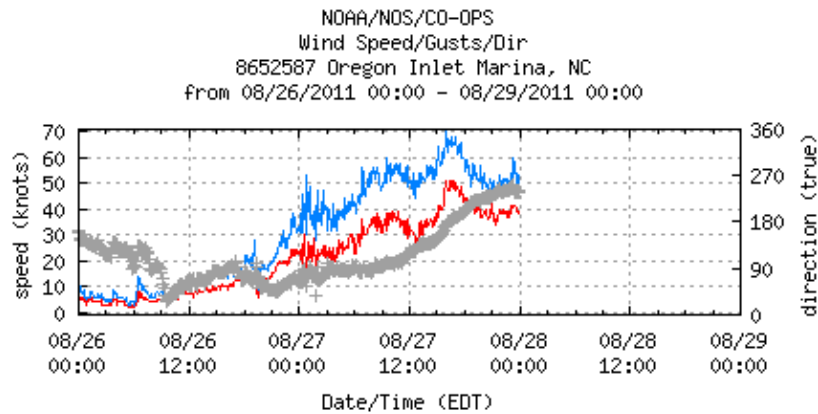
Predicted WL — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 08/27/2011 23:54 (EDT)

Relative to MLLW: **Observed: 6.81 ft.** **Predicted: 0.52 ft.** **Residual: 6.29 ft.**

Historical Maximum Water Level: Sep 16 1999, 4.48 ft. above MHHW

[Oregon Inlet Marina, NC - Return to List](#)



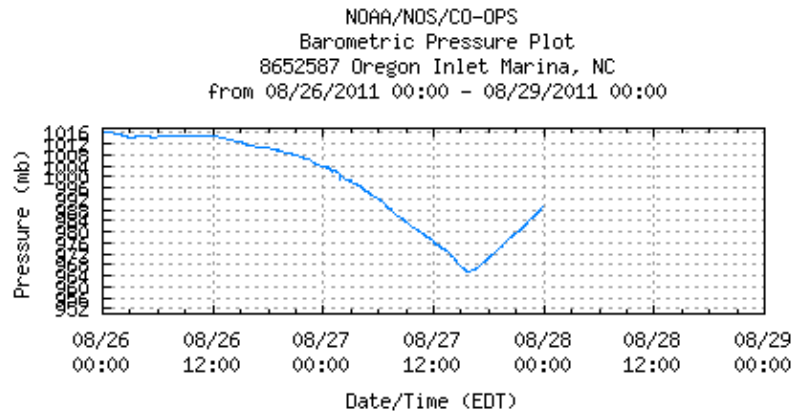
speed — gusts — direction +

Last Observed Sample: 08/27/2011 23:54 (EDT)

**Wind Speed: 38 knots** **Gusts: 49 knots** **Direction: 241° T**



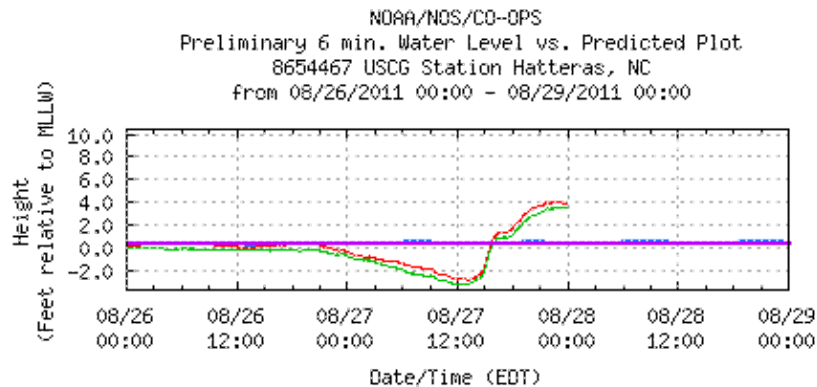
Oregon Inlet Marina, NC - Return to List



Last Observed Sample: 08/27/2011 23:54 (EDT)

Barometric Pressure: 989.1 mb

USCG Station Hatteras, NC - Return to List

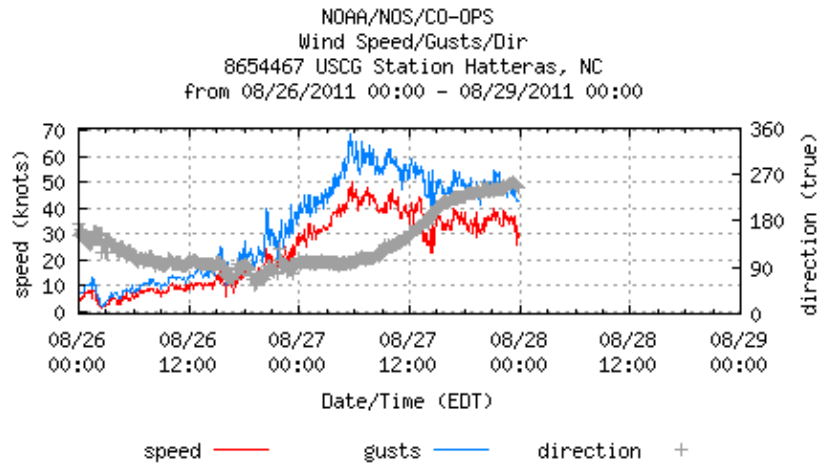


Last Observed Sample: 08/27/2011 23:48 (EDT)

Relative to MLLW: Observed: 3.94 ft. Predicted: 0.47 ft. Residual: 3.47 ft.

Historical Maximum Water Level: , 0 ft. above MHHW

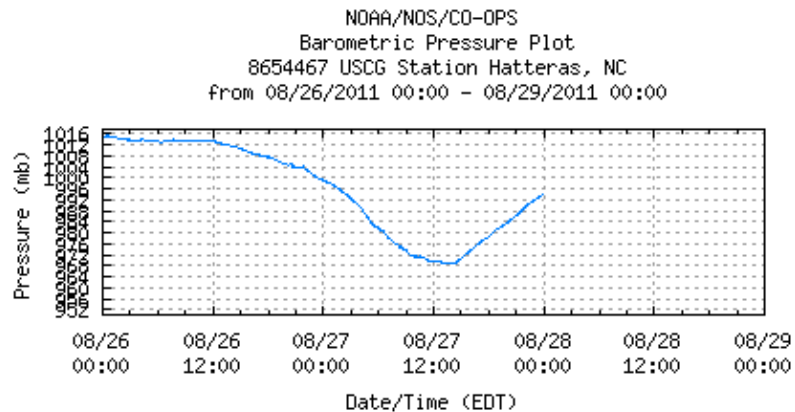
[USCG Station Hatteras, NC - Return to List](#)



Last Observed Sample: 08/27/2011 23:48 (EDT)

Wind Speed: 30 knots Gusts: 43 knots Direction: 245° T

[USCG Station Hatteras, NC - Return to List](#)



Last Observed Sample: 08/27/2011 23:48 (EDT)

Barometric Pressure: 993.7 mb

Hurricane IRENE QuickLook, POSTED 00:00 EDT 08/28/2011

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce